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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/004,738	12/04/2001	Jon R. Stieber	180009.91206B	8278

26710 7590 04/21/2004

QUARLES & BRADY LLP  
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SUITE 2040  
MILWAUKEE, WI 53202-4497

EXAMINER
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BARTUSKA, FRANCIS JOHN

ART UNIT	PAPER NUMBER
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3627

DATE MAILED: 04/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Applicati n No.

10/004,738

Applicant(s)

STIEBER ET AL.

Examiner

F. J. BARTUSKA

Art Unit

3627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 February 2004.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 2-9 and 15-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 2-9 and 15-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 2-4, 15, 16 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Amos in view of Watanabe, both cited

herewith. Amos discloses a first machine that accepts coins and banknotes and a second machine that accepts coins and banknotes. The first and second machines communicate over the Internet and/or over a wireless network. Amos does not disclose that the first and second machines sort the coins and banknotes that they receive. Watanabe discloses ATMs that receive coins and banknotes and sort them so that they may later be dispensed. It would have been obvious to one of ordinary skill in the art in view of the showing and teaching of Watanabe to provide the machines of Amos with means to sort the coins and banknotes so that they may later be dispensed.

Claims 5-7, 17 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Amos in view of Watanabe as applied to claim 15 above in further view of Richardson et al, of record. Amos, as modified by Watanabe, discloses all the features of the applicants' claimed invention except the Bluetooth technology. Richardson et al disclose a wireless communications network that uses Bluetooth technology with frequency hopping beginning at 2402 MHz with each of 79 hops being 1 MHz above the next lower frequency, see col. 3, line 58 to col. 4, line 8.

It would have been obvious to one of ordinary skill in the art in view of the showing and teaching of Richardson et al to substitute Bluetooth technology for the wireless communication network of Amos.

Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Amos in view of Watanabe as applied to claim 15 above in further view of Richardson et al, of record. Amos, as modified by Watanabe, discloses all the features of the applicants' claimed invention except the Infrared technology. Richardson et al disclose a wireless communications network that uses Infrared technology with IrDA standards, see col. 3, lines 4-17. It would have been obvious to one of ordinary skill in the art in view of the showing and teaching of Richardson et al to substitute Infrared technology for the wireless communication network of Amos.

Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Amos in view of Watanabe as applied to claim 15 above in further view of Erikson, of record. Amos, as modified by Watanabe, discloses all the features of the applicants' claimed invention except the piconet technology. Erikson discloses a wireless communications network that

uses Bluetooth technology with the devices connected in a piconet, see col. 5, lines 5-37. It would have been obvious to one of ordinary skill in the art in view of the showing and teaching of Erekson to substitute Bluetooth technology including a piconet for the wireless communication network of Amos.

### ***Response to Arguments***

The applicants' remarks have been considered but have not been found persuasive in view of the new grounds of rejection.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end

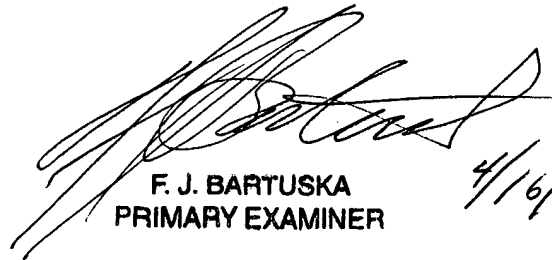
of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to F. J. BARTUSKA whose telephone number is 703-308-1111. The examiner can normally be reached on MONDAY-FRIDAY (ALTERNATE FRIDAYS OFF).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ROBERT P. OLSZEWSKI can be reached on 703-308-5183. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

fjb

  
F. J. BARTUSKA  
PRIMARY EXAMINER  
4/16/04